



Pu/09

RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/890,549

TIME: 14:01:22

Input Set : A:\pf0676usn_seqlist.txt

Output Set: N:\CRF3\08262002\I890549.raw

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
 5 TANG, Y. Tom
 6 HILLMAN, Jennifer L.
 7 YUE, Henry
 8 AZIMZAI, Yalda
 9 BAUGHN, Mariah R.
 10 TRAN, Bao

12 <120> TITLE OF INVENTION: HUMAN LIPID-ASSOCIATED PROTEINS

14 <130> FILE REFERENCE: PF-0676 PCT

C--> 16 <140> CURRENT APPLICATION NUMBER: US/09/890,549

C--> 17 <141> CURRENT FILING DATE: 2002-08-26

19 <150> PRIOR APPLICATION NUMBER: 60/120,703; 60/142,762

W--> 20 <151> PRIOR FILING DATE: 1999-02-19; 1999-07-08

22 <160> NUMBER OF SEQ ID NOS: 24

24 <170> SOFTWARE: PERL Program

26 <210> SEQ ID NO: 1

27 <211> LENGTH: 331

28 <212> TYPE: PRT

29 <213> ORGANISM: Homo sapiens

31 <220> FEATURE:

32 <221> NAME/KEY: misc_feature

33 <223> OTHER INFORMATION: Incyte ID No: 161190CD1

35 <400> SEQUENCE: 1

36 Met Asp Ser Glu Lys Lys Arg Phe Thr Glu Glu Ala Thr Lys Tyr

37 1 5 10 15

38 Phe Arg Glu Arg Val Ser Pro Val His Leu Gln Ile Leu Leu Thr

39 20 25 30

40 Asn Asn Glu Ala Trp Lys Arg Phe Val Thr Ala Ala Glu Leu Pro

41 35 40 45

42 Arg Asp Glu Ala Asp Ala Leu Tyr Glu Ala Leu Lys Lys Leu Arg

43 50 55 60

44 Thr Tyr Ala Ala Ile Glu Asp Glu Tyr Val Gln Gln Lys Asp Glu

45 65 70 75

46 Gln Phe Arg Glu Trp Phe Leu Lys Glu Phe Pro Gln Val Lys Arg

47 80 85 90

48 Lys Ile Gln Glu Ser Ile Glu Lys Leu Arg Ala Leu Ala Asn Gly

49 95 100 105

50 Ile Glu Glu Val His Arg Gly Cys Thr Ile Ser Asn Val Val Ser

51 110 115 120

52 Ser Ser Thr Gly Ala Ala Ser Gly Ile Met Ser Leu Ala Gly Leu

53 125 130 135

54 Val Leu Ala Pro Phe Thr Ala Gly Thr Ser Leu Ala Leu Thr Ala

55 140 145 150

Aug 17
2002
Does Not Comply
Corrected Diskette Needed

group these together

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56 Ala Gly Val Gly Leu Gly Ala Ala Ser Ala Val Thr Gly Ile Thr
57                               155                               160                               165
58 Thr Ser Ile Val Glu His Ser Tyr Thr Ser Ser Ala Glu Ala Glu
59                               170                               175                               180
60 Ala Ser Arg Leu Thr Ala Thr Ser Ile Asp Arg Leu Lys Val Phe
61                               185                               190                               195
62 Lys Glu Val Met Arg Asp Ile Thr Pro Asn Leu Leu Ser Leu Leu
63                               200                               205                               210
64 Asn Asn Tyr Tyr Glu Ala Thr Gln Thr Ile Gly Ser Glu Ile Arg
65                               215                               220                               225
66 Ala Ile Arg Gln Ala Arg Ala Arg Ala Arg Leu Pro Val Thr Thr
67                               230                               235                               240
68 Trp Arg Ile Ser Ala Gly Ser Gly Gly Gln Ala Glu Arg Thr Ile
69                               245                               250                               255
70 Ala Gly Thr Thr Arg Ala Val Ser Arg Gly Ala Arg Ile Leu Ser
71                               260                               265                               270
72 Ala Thr Thr Ser Gly Ile Phe Leu Ala Leu Asp Val Val Asn Leu
73                               275                               280                               285
74 Val Tyr Glu Ser Lys His Leu His Glu Gly Ala Lys Ser Ala Ser
75                               290                               295                               300
76 Ala Glu Glu Leu Arg Arg Gln Ala Gln Glu Leu Glu Glu Asn Leu
77                               305                               310                               315
78 Met Glu Leu Thr Gln Ile Tyr Gln Arg Leu Asn Pro Cys His Thr
79                               320                               325                               330

```

80 His

83 <210> SEQ ID NO: 2

84 <211> LENGTH: 480

85 <212> TYPE: PRT

86 <213> ORGANISM: Homo sapiens

88 <220> FEATURE:

89 <221> NAME/KEY: misc_feature

90 <223> OTHER INFORMATION: Incyte ID No: 1292575CD1

92 <400> SEQUENCE: 2

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93 Met Asn Gly Glu Glu Glu Phe Phe Asp Ala Val Thr Gly Phe Asp
94   1                               5                               10                               15
95 Ser Asp Asn Ser Ser Gly Glu Phe Ser Glu Ala Asn Gln Lys Val
96                               20                               25                               30
97 Thr Gly Met Ile Asp Leu Asp Thr Ser Lys Asn Asn Arg Ile Gly
98                               35                               40                               45
99 Lys Thr Gly Glu Arg Pro Ser Gln Glu Asn Gly Ile Gln Lys His
100                               50                               55                               60
101 Arg Thr Ser Leu Pro Ala Pro Met Phe Ser Arg Ser Asp Phe Ser
102                               65                               70                               75
103 Val Trp Thr Ile Leu Lys Lys Cys Val Gly Leu Glu Leu Ser Lys
104                               80                               85                               90
105 Ile Thr Met Pro Ile Ala Phe Asn Glu Pro Leu Ser Phe Leu Gln
106                               95                               100                              105
107 Arg Ile Thr Glu Tyr Met Glu His Val Tyr Leu Ile His Arg Ala
108                               110                              115                              120

```

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```

109 Ser Cys Gln Pro Gln Pro Leu Glu Arg Met Gln Ser Val Ala Ala
110                               125                               130                               135
111 Phe Ala Val Ser Ala Val Ala Ser Gln Trp Glu Arg Thr Gly Lys
112                               140                               145                               150
113 Pro Phe Asn Pro Leu Leu Gly Glu Thr Tyr Glu Leu Ile Arg Glu
114                               155                               160                               165
115 Asp Leu Gly Phe Arg Phe Ile Ser Glu Gln Val Ser His His Pro
116                               170                               175                               180
117 Pro Ile Ser Ala Phe His Ser Glu Gly Leu Asn His Asp Phe Leu
118                               185                               190                               195
119 Phe His Gly Ser Ile Tyr Pro Lys Leu Lys Phe Trp Gly Lys Ser
120                               200                               205                               210
121 Val Glu Ala Glu Pro Arg Gly Thr Ile Thr Leu Glu Leu Leu Lys
122                               215                               220                               225
123 His Asn Glu Ala Tyr Thr Trp Thr Asn Pro Thr Cys Cys Val His
124                               230                               235                               240
125 Asn Val Ile Ile Gly Lys Leu Trp Ile Glu Gln Tyr Gly Thr Val
126                               245                               250                               255
127 Glu Ile Leu Asn His Arg Thr Gly His Lys Cys Val Leu His Phe
128                               260                               265                               270
129 Lys Pro Cys Gly Leu Phe Gly Lys Glu Leu His Lys Val Glu Gly
130                               275                               280                               285
131 His Ile Gln Asp Lys Asn Lys Lys Lys Leu Phe Met Ile Tyr Gly
132                               290                               295                               300
133 Lys Trp Thr Glu Cys Leu Trp Gly Ile Asp Pro Val Ser Tyr Glu
134                               305                               310                               315
135 Ser Phe Lys Lys Gln Glu Arg Arg Gly Asp His Leu Arg Lys Ala
136                               320                               325                               330
137 Lys Leu Asp Glu Asp Ser Gly Lys Ala Asp Ser Asp Val Ala Asp
138                               335                               340                               345
139 Asp Val Pro Val Ala Gln Glu Thr Val Gln Val Ile Pro Gly Ser
140                               350                               355                               360
141 Lys Leu Leu Trp Arg Ile Asn Thr Arg Pro Pro Asn Ser Ala Gln
142                               365                               370                               375
143 Met Tyr Asn Phe Thr Ser Phe Thr Val Ser Leu Asn Glu Leu Glu
144                               380                               385                               390
145 Thr Gly Met Glu Lys Thr Leu Pro Pro Thr Asp Cys Arg Leu Arg
146                               395                               400                               405
147 Pro Asp Ile Arg Gly Met Glu Asn Gly Asn Met Asp Leu Ala Ser
148                               410                               415                               420
149 Gln Glu Lys Glu Arg Leu Glu Glu Lys Gln Arg Glu Ala Arg Arg
150                               425                               430                               435
151 Glu Arg Ala Lys Glu Glu Ala Glu Trp Gln Thr Arg Trp Phe Tyr
152                               440                               445                               450
153 Pro Gly Asn Asn Pro Tyr Thr Gly Thr Pro Asp Trp Leu Tyr Ala
154                               455                               460                               465
155 Gly Asp Tyr Phe Glu Arg Asn Phe Ser Asp Cys Pro Asp Ile Tyr
156                               470                               475                               480
159 <210> SEQ ID NO: 3

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Input Set : A:\pf0676usn_seqlist.txt

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160 <211> LENGTH: 409

161 <212> TYPE: PRT

162 <213> ORGANISM: Homo sapiens

164 <220> FEATURE:

165 <221> NAME/KEY: misc_feature

166 <223> OTHER INFORMATION: Incyte ID No: 2454393CD1

168 <400> SEQUENCE: 3

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169 Met Ala Thr Ser Val Gly His Arg Cys Leu Gly Leu Leu His Gly
170   1           5           10           15
171 Val Ala Pro Trp Arg Ser Ser Leu His Pro Cys Glu Ile Thr Ala
172           20           25           30
173 Leu Ser Gln Ser Leu Gln Pro Leu Arg Lys Leu Pro Phe Arg Ala
174           35           40           45
175 Phe Arg Thr Asp Ala Arg Lys Ile His Thr Ala Pro Ala Arg Thr
176           50           55           60
177 Met Phe Leu Leu Arg Pro Leu Pro Ile Leu Leu Val Thr Gly Gly
178           65           70           75
179 Gly Tyr Ala Gly Tyr Arg Gln Tyr Glu Lys Tyr Arg Glu Arg Glu
180           80           85           90
181 Leu Glu Lys Leu Gly Leu Glu Ile Pro Pro Lys Leu Ala Gly His
182           95          100          105
183 Trp Glu Val Ala Leu Tyr Lys Ser Val Pro Thr Arg Leu Leu Ser
184          110          115          120
185 Arg Ala Trp Gly Arg Leu Asn Gln Val Glu Leu Pro His Trp Leu
186          125          130          135
187 Arg Arg Pro Val Tyr Ser Leu Tyr Ile Trp Thr Phe Gly Val Asn
188          140          145          150
189 Met Lys Glu Ala Ala Val Glu Asp Leu His His Tyr Arg Asn Leu
190          155          160          165
191 Ser Glu Phe Phe Arg Arg Lys Leu Lys Pro Gln Ala Arg Pro Val
192          170          175          180
193 Cys Gly Leu His Ser Val Ile Ser Pro Ser Asp Gly Arg Ile Leu
194          185          190          195
195 Asn Phe Gly Gln Val Lys Asn Cys Glu Val Glu Gln Val Lys Gly
196          200          205          210
197 Val Thr Tyr Ser Leu Glu Ser Phe Leu Gly Pro Arg Met Cys Thr
198          215          220          225
199 Glu Asp Leu Pro Phe Pro Pro Ala Ala Ser Cys Asp Ser Phe Lys
200          230          235          240
201 Asn Gln Leu Val Thr Arg Glu Gly Asn Glu Leu Tyr His Cys Val
202          245          250          255
203 Ile Tyr Leu Ala Pro Gly Asp Tyr His Cys Phe His Ser Pro Thr
204          260          265          270
205 Asp Trp Thr Val Ser His Arg Arg His Phe Pro Gly Ser Leu Met
206          275          280          285
207 Ser Val Asn Pro Gly Met Ala Arg Trp Ile Lys Glu Leu Phe Cys
208          290          295          300
209 His Asn Glu Arg Val Val Leu Thr Gly Asp Trp Lys His Gly Phe
210          305          310          315

```

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```

211 Phe Ser Leu Thr Ala Val Gly Ala Thr Asn Val Gly Ser Ile Arg
212                               320                325                330
213 Ile Tyr Phe Asp Arg Asp Leu His Thr Asn Ser Pro Arg His Ser
214                               335                340                345
215 Lys Gly Ser Tyr Asn Asp Phe Ser Phe Val Thr His Thr Asn Arg
216                               350                355                360
217 Glu Gly Val Pro Met Arg Lys Gly Glu His Leu Gly Glu Phe Asn
218                               365                370                375
219 Leu Gly Ser Thr Ile Val Leu Ile Phe Glu Ala Pro Lys Asp Phe
220                               380                385                390
221 Asn Phe Gln Leu Lys Thr Gly Gln Lys Ile Arg Phe Gly Glu Ala
222                               395                400                405
223 Leu Gly Ser Leu
226 <210> SEQ ID NO: 4
227 <211> LENGTH: 759
228 <212> TYPE: PRT
229 <213> ORGANISM: Homo sapiens
231 <220> FEATURE:
232 <221> NAME/KEY: misc_feature
233 <223> OTHER INFORMATION: Incyte ID No: 2766980CD1
235 <400> SEQUENCE: 4
236 Met Glu Ser Ser Pro Phe Asn Arg Arg Gln Trp Thr Ser Leu Ser
237   1          5          10
238 Leu Arg Val Thr Ala Lys Glu Leu Ser Leu Val Asn Lys Asn Lys
239          20          25          30
240 Ser Ser Ala Ile Val Glu Ile Phe Ser Lys Tyr Gln Lys Ala Ala
241          35          40          45
242 Glu Glu Thr Asn Met Glu Lys Lys Arg Ser Asn Thr Glu Asn Leu
243          50          55          60
244 Ser Gln His Phe Arg Lys Gly Thr Leu Thr Val Leu Lys Lys Lys
245          65          70          75
246 Trp Glu Asn Pro Gly Leu Gly Ala Glu Ser His Thr Asp Ser Leu
247          80          85          90
248 Arg Asn Ser Ser Thr Glu Ile Arg His Arg Ala Asp His Pro Pro
249          95         100         105
250 Ala Glu Val Thr Ser His Ala Ala Ser Gly Ala Lys Ala Asp Gln
251         110         115         120
252 Glu Glu Gln Ile His Pro Arg Ser Arg Leu Arg Ser Pro Pro Glu
253         125         130         135
254 Ala Leu Val Gln Gly Arg Tyr Pro His Ile Lys Asp Gly Glu Asp
255         140         145         150
256 Leu Lys Asp His Ser Thr Glu Ser Lys Lys Met Glu Asn Cys Leu
257         155         160         165
258 Gly Glu Ser Arg His Glu Val Glu Lys Ser Glu Ile Ser Glu Asn
259         170         175         180
260 Thr Asp Ala Ser Gly Lys Ile Glu Lys Tyr Asn Val Pro Leu Asn
261         185         190         195
262 Arg Leu Lys Met Met Phe Glu Lys Gly Glu Pro Thr Gln Thr Lys
263         200         205         210

```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/26/2002
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Input Set : A:\pf0676usn_seqlist.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:17; N Pos. 1237

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/890,549

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Input Set : A:\pf0676usn_seqlist.txt

Output Set: N:\CRF3\08262002\I890549.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application Number
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:20 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:1080 M:259 W: Allowed number of lines exceeded, <213> ORGANISM:
L:1081 M:283 W: Missing Blank Line separator, <220> field identifier
L:1111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:1200